

What is claimed is:

1. A composition comprising a mixture of at least one mineral base oil and an alkylated compound selected from the group consisting of fused aromatic compounds and polyfused aromatic compounds.
- 5 2. The composition of claim 1, wherein the alkylated compound is selected from the group consisting of anthracene, phenanthrene, pyrene, indene, acenaphthylene, benzanthrene, chrysene, triphenylene.
- 10 3. The composition of claim 1, wherein the alkylated compound is alkylated naphthalene.
4. The composition of claim 1, further comprising an additive package.
- 15 5. The composition of claim 4, wherein the additive package comprises at least one member selected from the group consisting of antioxidants, dispersants, antiwear additives, extreme pressure additives, rust and corrosion inhibitors, copper metal passivators, viscosity index improvers, and friction modifiers.
6. The composition of claim 1, wherein the mineral base oil is selected from the group consisting of Group II base oils, Group III base oils, and mixtures thereof.
- 20 7. The composition of claim 1, wherein the mineral base oil is a Group III base oil.
8. The composition of claim 1, wherein the base oil comprises from about 51 weight percent to about 99 weight percent of the composition.
9. The composition of claim 1, wherein the base oil comprises from about 60 weight percent to about 95 weight percent of the composition.
- 25 10. The composition of claim 1, wherein the base oil comprises from about 80 weight percent to about 90 weight percent of the composition.
11. The composition of claim 1, wherein the alkylated compound comprises from about 1 weight percent to about 49 weight percent of the composition.
12. The composition of claim 1, wherein the alkylated compound comprises from about 5 weight percent to about 40 weight percent of the composition.

13. The composition of claim 1, wherein the alkylated compound comprises from about 10 weight percent to about 20 weight percent of the composition.

14. The composition of claim 1, wherein the additive package comprises up to about 5 weight percent of the composition.

5 15. The composition of claim 1, wherein the alkylated compound comprises at least one C<sub>6</sub> to C<sub>30</sub> alkyl chain.

16. The composition of claim 15, wherein the alkyl chain is derived from a C<sub>6</sub> to C<sub>30</sub> alpha olefin alkylating agent.

17. The composition of claim 1, wherein the alkylated compound comprises at least one C<sub>6</sub> to C<sub>16</sub> alkyl chain.

10 18. The composition of claim 17, wherein the alkyl chain is derived from a C<sub>6</sub> to C<sub>16</sub> alpha olefin alkylating agent.

19. The composition of claim 1, wherein the alkylated compound comprises at least one C<sub>8</sub> to C<sub>12</sub> alkyl chain.

15 20. The composition of claim 19, wherein the alkyl chain is derived from a C<sub>8</sub> to C<sub>12</sub> alpha olefin alkylating agent.

21. The composition of claim 1, wherein the alkylated compound comprises at least one C<sub>8</sub> alkyl chain.

22. The composition of claim 21, wherein the alkyl chain is derived from 1-octene.

20 23. The composition of claim 1, wherein the alkylated compound comprises at least one C<sub>10</sub> alkyl chain.

24. The composition of claim 23, wherein the alkyl chain is derived from 1-decene.

25 25. The composition of claim 1, wherein the alkylated compound comprises at least one C<sub>12</sub> alkyl chain.

26. The composition of claim 25, wherein the alkyl chain is derived from 1-dodecene.

27. The composition of claim 15, wherein the alkyl chain is derived from an alkylating agent selected from the group consisting of 1-tetradecene, 1-

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hexadecene, an isomeric mixture of branched C<sub>6</sub> to C<sub>30</sub> olefins, and tetrapropylene.

28. A composition comprising a mixture of a Group III base oil and an alkylated naphthalene.

5 29. The composition of claim 28, wherein the alkylated naphthalene comprises at least one C<sub>6</sub> to C<sub>30</sub> alkyl chain.

30. The composition of claim 29, wherein the alkyl chain is derived from a C<sub>6</sub> to C<sub>30</sub> alpha olefin alkylating agent.